



Corres. and Mail  
**BOX AF**

RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1652  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

LAFFEND ET AL.

CASE NO.: CR-9715-B

APPLICATION NO.: 08/849,404

GROUP ART UNIT: 1652

FILED: 22 MAY 1997

EXAMINER: BUGIASKY, G.

FOR: BIOCONVERSION OF A FERMENTABLE  
CARBON SOURCE TI 1,3-PROPANEDIOL  
BY A SINGLE MICROORGANISM

AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

This document is filed in response to the Final Office Action, Paper 10, dated 24 June 1998 within the shortened statutory period. Please amend the above-referenced application as follows:

In the Claims:

2. (Amended Twice) A bioconversion process to produce 1,3-propanediol comprising contacting, under suitable conditions, glycerol or dihydroxyacetone with a single recombinant microorganism having at least one exogenous gene expressing a glycerol dehydratase enzyme, the microorganism selected from the group consisting of members of the genera *Aspergillus*, *Saccharomyces*, *Zygosaccharomyces*, *Pichia*, *Kluyveromyces*, *Candida*, *Hansenula*, *Debaryomyces*, *Mucor*, *Torulopsis*, *Methylobacter*, *Salmonella*, *Bacillus*, *Streptomyces*, and *Pseudomonas*.

REMARKS

Claims 2, 6, and 20-31 are pending in the case.  
Claims 20-30 are allowed. Claims 2, 6 and 31 stand rejected.  
Claim 2 has been amended to more distinctly claim Applicants' invention.

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an Envelope addressed to:  
Asst. Commissioner for Patents, Washington, D.C. 20231, on this date

9/23/98

Mary G. Pitekin

RECEIVED  
TECH CENTER 1652/2900  
98 OCT 16 PM 1:26

11/10  
S. G. J.  
10/20/98  
*[Signature]*

OK  
to  
submit  
*[Signature]*

*[Signature]*